## PATENT COOPERATION TREATY

From the

INTERNATIONAL SEARCHING AUTHORITY

To: SON, Min			PCT
19th Floor, City Air Tower 159-9, Sams	eong-dong, Gangnam-	WRI	TTEN OPINION OF THE
gu, Seoul 135-973 Republic of Korea			ONAL SEARCHING AUTHORITY
·		•	(PCT Rule 43bis.1)
			•
•			
		Date of mailing (day/month/year) 0	2 MARCH 2006 (02.03.2006)
Applicant's or agent's file reference		FOR FURTHER AC	TION
PCTA9511-685		S	ee paragraph 2 below
International application No.	International filing date	(day/month/year)	Priority date(day/month/year)
PCT/KR2005/003934	22 NOVEMBER 2		23 NOVEMBER 2004 (23.11.2004)
International Patent Classification (IPC)	or both national classifica	ation and IPC	
A61K 31/426(2006.01)i			
Applicant			
DONG WHA PHARMACEUT	CAL. IND. CO., L	TD. et al	
This opinion contains indications rela	ting to the following iter	ns:	
Box No. I Basis of the opin			·
Box No. II Priority	,		
l <del>=</del>	ent of opinion with regar	rd to novelty, inventive	step and industrial applicability
Box No. IV Lack of unity of	-	<b>,</b> ,	
Box No. V Reasoned stater		•	elty, inventive step or industrial applicability;
Box No. VI Certain docume		on statement	
	s in the international appl	lication	
Box No. VIII Certain observa			
International Preliminary Examining other than this one to be the IPEA and opinions of this International Searchin If this opinion is, as provided above, or	Authority ("IPEA") exce the chosen IPEA has no ng Authority will not be s considered to be a writter	pt that this does not apportified the International Isso considered.  In opinion of the IPEA, the	nsidered to be a written opinion of the ly where the applicant chooses an Authority Bureau under Rule 66.1bis(b) that written the applicant is invited to submit to the tion of 3 months from the date of mailing
of Form PCT/ISA/220 or before the e For further options, see Form PCT/IS.	xpiration of 22 months f		
3. For further details, see notes to Form	PCT/ISA/220.		
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Name and mailing address of the ISA/KR Facsimile No. 82-42-472-7140

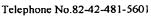
Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

02 MARCH 2006 (02.03.2006)

Date of completion of this opinion

Authorized officer

LEE, Mi Jeong



International application No.

PCT/KR2005/003934

	A 10. 1 Basis of this opinion
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under
	Rules 12.3 and 23.1(b)).
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
	a. type of material
	a sequence listing
	table(s) related to the sequence listing
	b. format of material
	on paper
	in electronic form
	c. time of filing/furnishing
	contained in the international application as filed.
	filed together with the international application in electronic form.
	furnished subsequently to this Authority for the purposes of search.
	filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	
4.	in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
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International application No. PCT/KR2005/003934

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1.	Statement			
	Novelty (N)	Claims	1 - 9	YES
		Claims		NO
	Inventive step (IS)	Claims	1-9	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1 - 9	YES
		Claims		. NO

### 2. Citations and explanations:

The following document is referred to in this report:

D1: WO 03/007947 A1 (30 Jan. 2003)

## 1. Novelty

Claims 1-9 of the present invention relate to an N-hydroxy-4-5-[4-(5-isopropyl-2-methyl-1,3-thiazol-4-yl)phenoxy]pentoxy benzamidine 2 methanesulfonic acid salt, a method of preparing the said compound and a pharmaceutical composition comprising the said compound.

Methanesulfonic acid is disclosed as one of the pharmaceutically acceptable salts of the said compound in D1.

Since D1 does not disclose 2 methanesulfonic acid salt of the said compound, the novelty of claims 1-9 can be acknowledged over D1[Article 33(2) PCT].

## 2. Inventive Step

Although methanesulfonic acid is disclosed as one of the pharmaceutically acceptable salts of the said compound in D1, 2 methanesulfonic acid salt of the said compound cannot be easily expected by a man skilled in the art. Furthermore, the 2 methanesulfonic acid salt of the said compound shows surprisingly higher solubility and bioavailability than 1 methanesulfonic acid salt of the said compound does.

Therefore, the inventive step of claims 1-9 can be acknowledged over D1[Article 33(3) PCT].

### 3. Industrial Applicability

The subject-matter of claims 1-9 appears to be industrially applicable [Article 33(4) PCT].

## PATENT COOPERATION TREATY

From the

INTERNATIONAL SEARCHING AUTHORITY

To:	PCT
SON, Min	PCI
19th Floor, City Air Tower 159-9, Samseonggu, Seoul 135-973 Republic of Korea	WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY  (PCT Rule 43bis.1)
	Date of mailing (day/month/year) 02 MARCH 2006 (02.03.2006)
Applicant's or agent's file reference PCTA9511-685	FOR FURTHER ACTION See paragraph 2 below
International application No. Intern	national filing date (day/month/year) Priority date(day/month/year)
PCT/KR2005/003934 22 N	NOVEMBER 2005 (22.11.2005) 23 NOVEMBER 2004 (23.11.2004)
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A61K 31/426(2006.01)i	
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DONG WHA PHARMACEUTICAL	L. IND. CO., LTD. et al
1. This opinion contains indications relating to	o the following items:
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	opinion with regard to novelty, inventive step and industrial applicability
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citations and explanat	ions supporting such statement
Box No. VI Certain documents of	
	e international application
Box No. VIII Certain observations	on the international application
International Preliminary Examining Autho other than this one to be the IPEA and the copinions of this International Searching Aut If this opinion is, as provided above, consid IPEA a written reply together, where appro	ered to be a written opinion of the IPEA, the applicant is invited to submit to the priate, with amendments, before the expiration of 3 months from the date of mailing ion of 22 months from the priority date, whichever expires later.

Name and mailing address of the ISA/KR

Korean Intellectual Property O

Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Date of completion of this opinion Authorized officer

02 MARCḤ 2006 (02.03.2006)

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LEE, Mi Jeong

Telephone No.82-42-481-5601



International application No.

PCT/KR2005/003934

<b>D</b> 0	x No. 1 Basis of this opinion
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	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3.	filed or furnished, the required statements that the information in the subsequent or additioanl copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
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Statement		
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Inventive step (IS)	Claims 1-9	YES
	Claims	NO
Industrial applicability (IA)	Claims 1 - 9	YES
	Claims	NO

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